

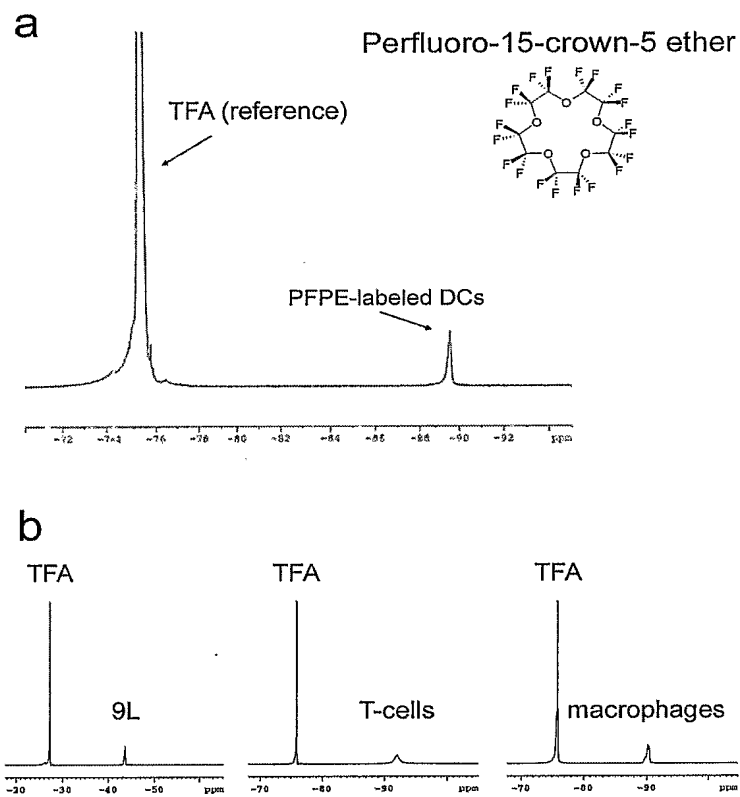
Figure 1

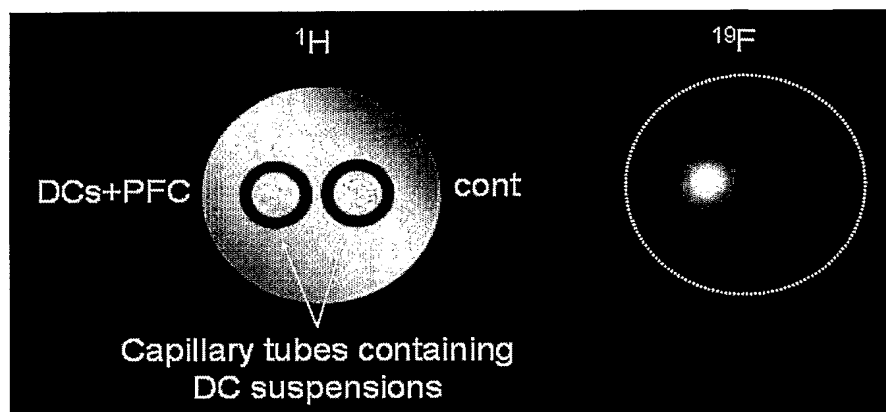
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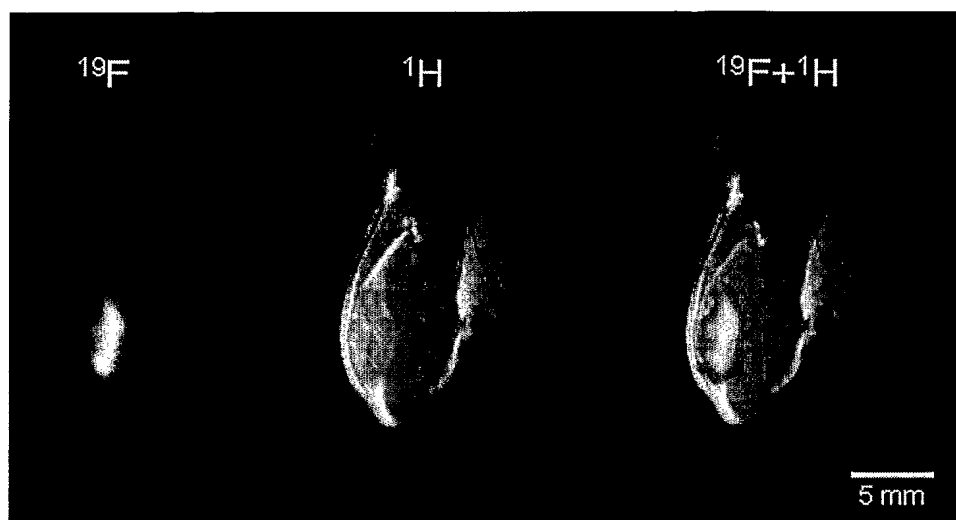
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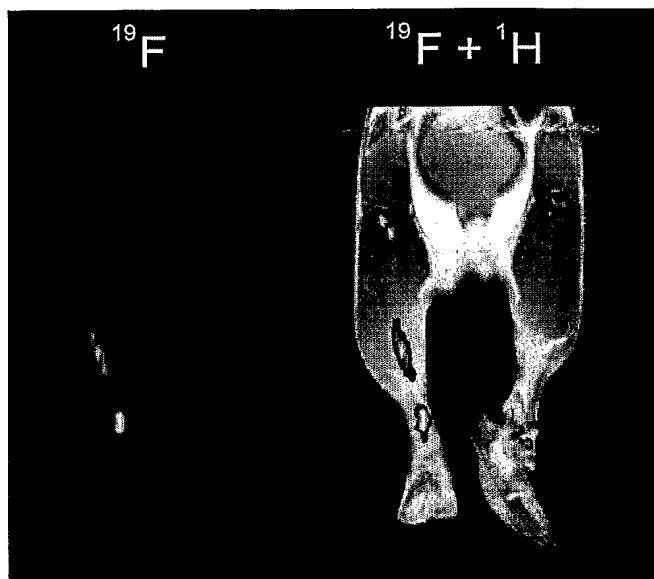
Figure 4

Figure 5

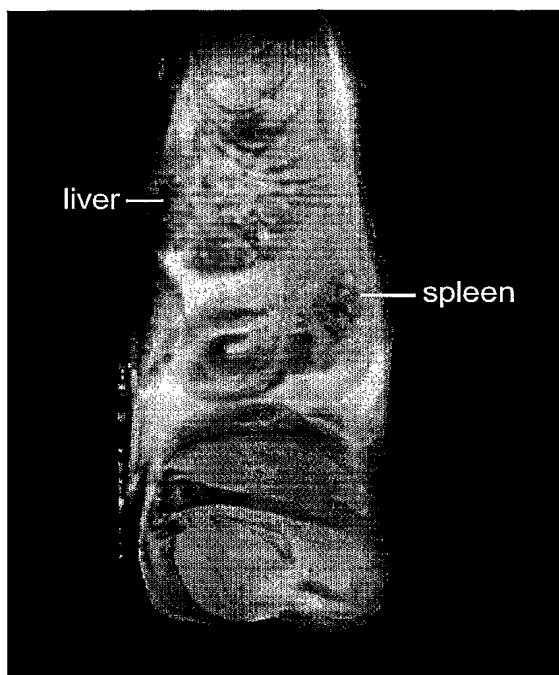


Figure 6

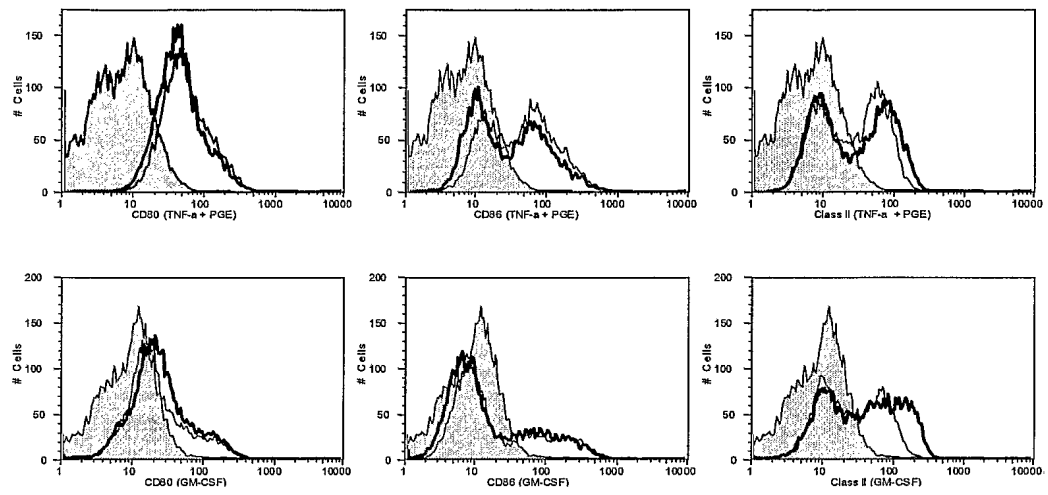


Figure 7

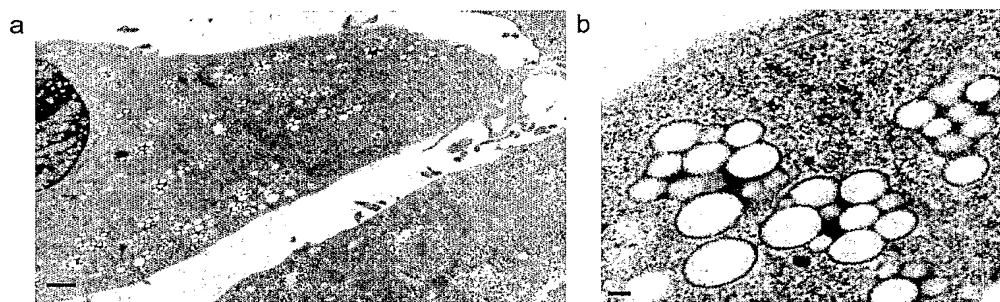


Figure 8

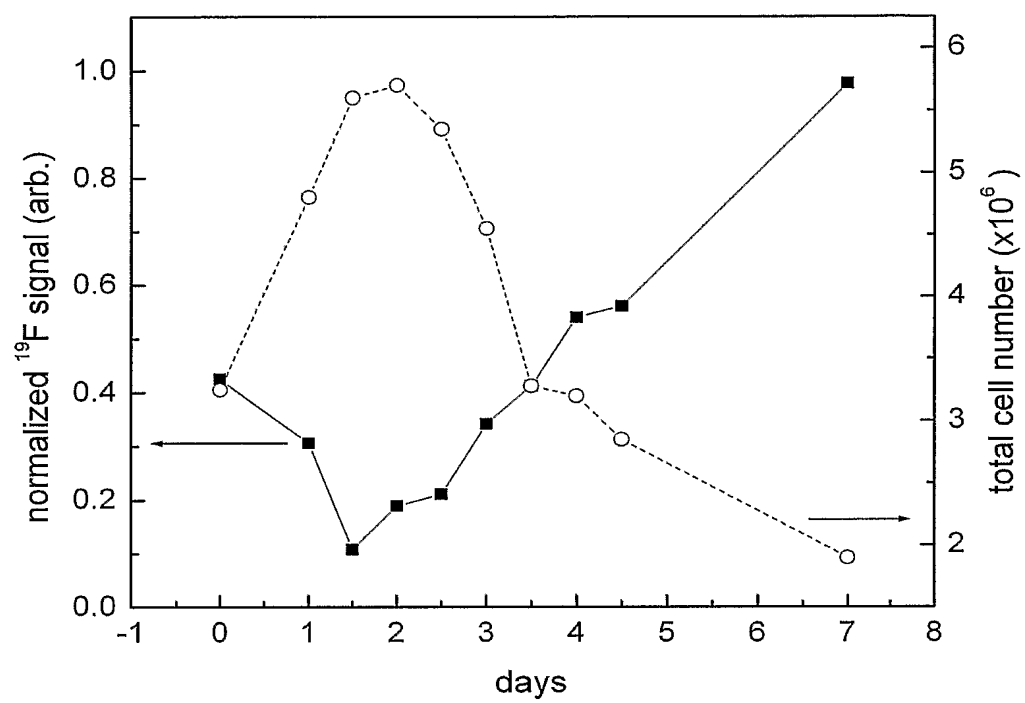


Figure 9

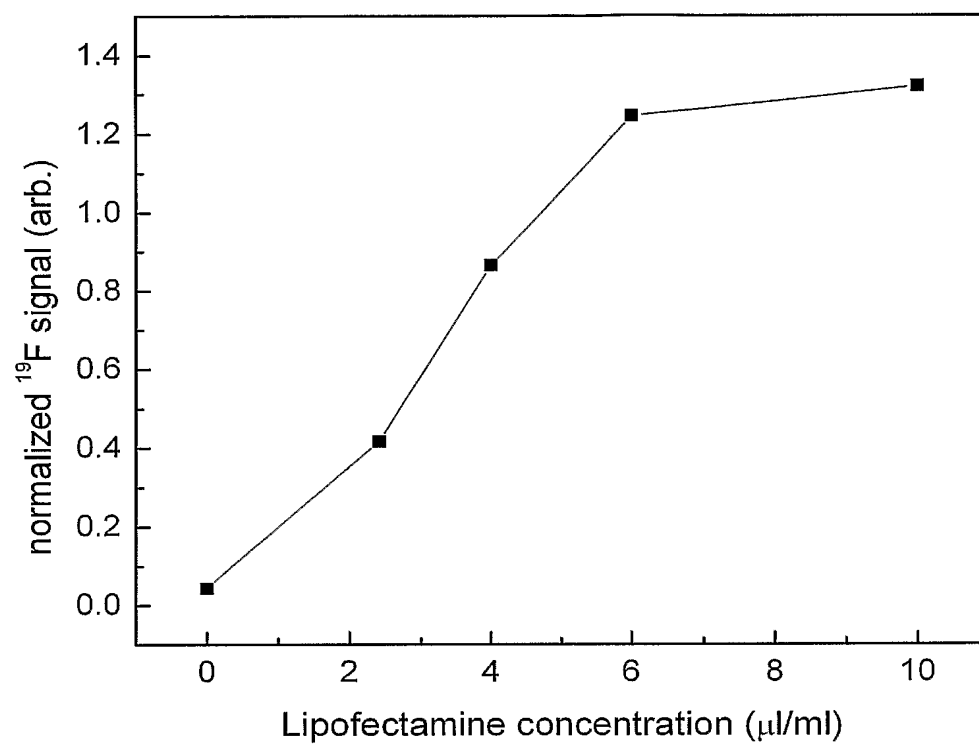


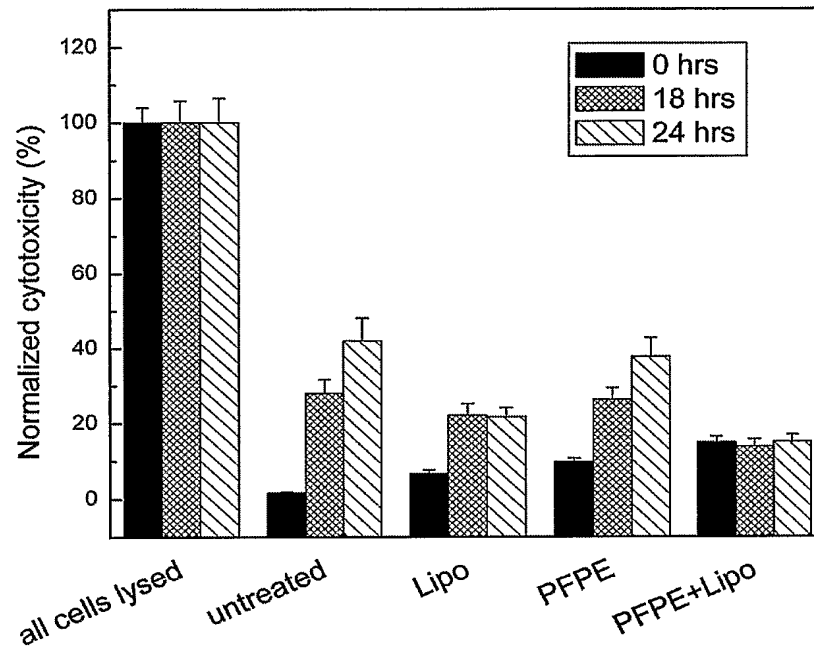
Figure 10

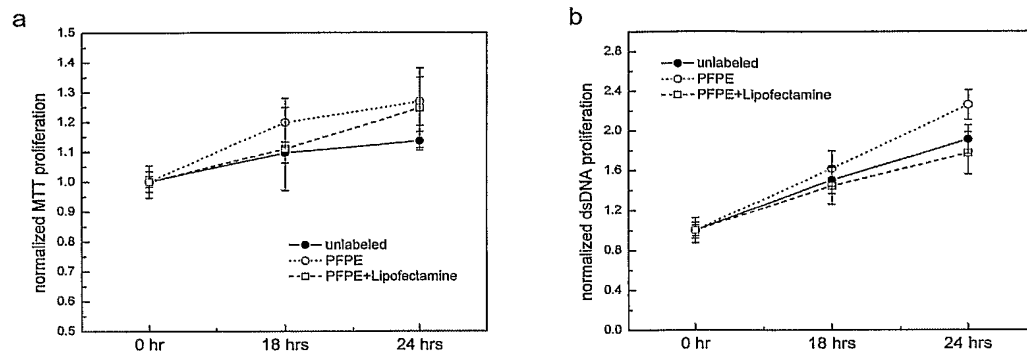
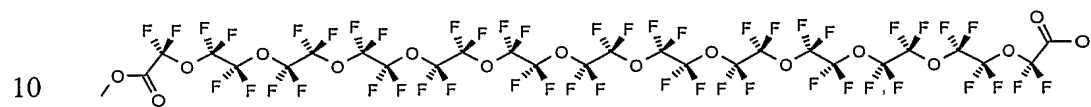
Figure 11

Figure 12.

5

A.



15

B.

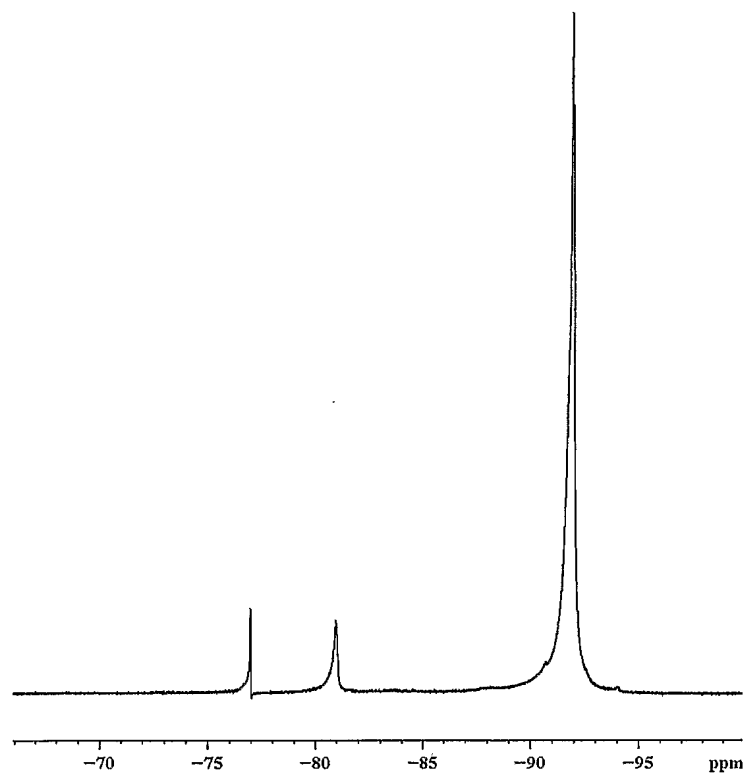


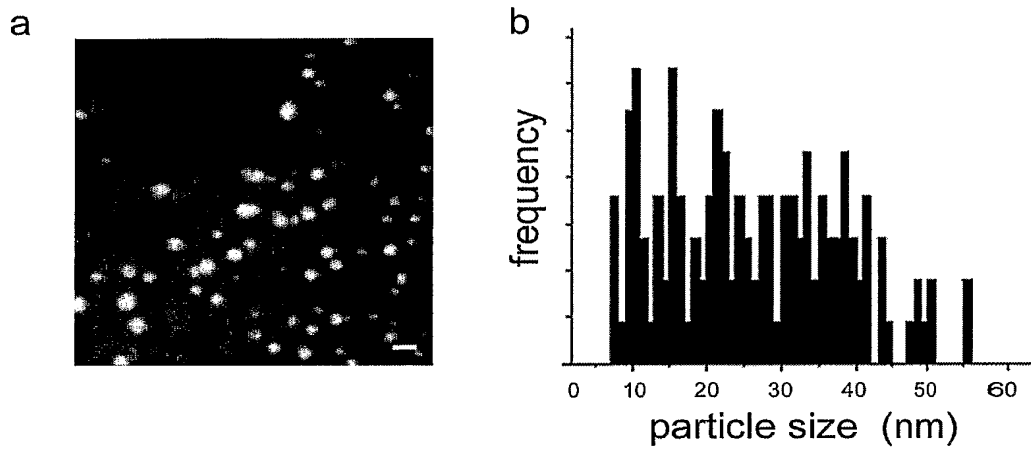
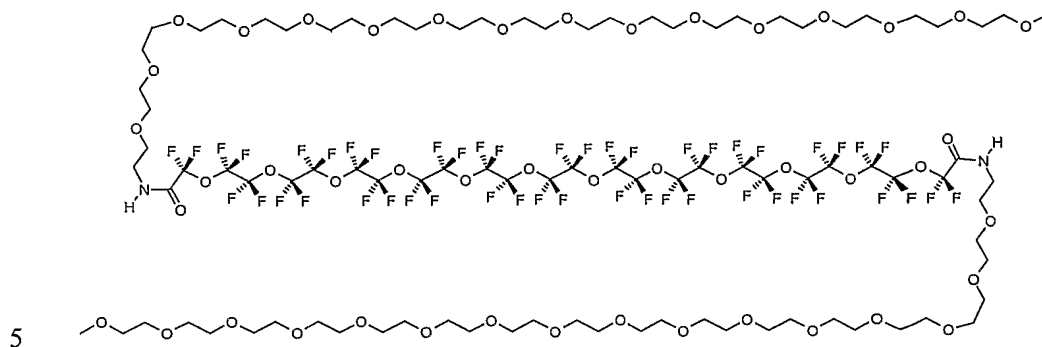
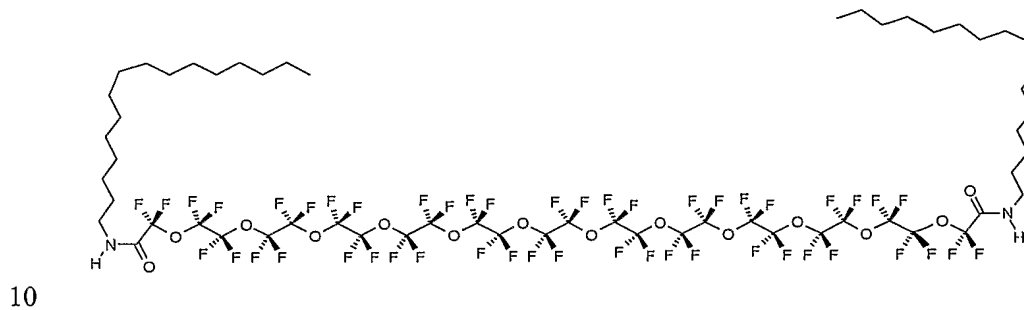
Figure 13.

Figure 14.

Rxn 1: PFPE-ester + O-aminoethyl-O'-methyl-PEG 750 → PEG2-PFPE



Rxn 2: PFPE-ester + hexadecylamine → bis-hexadecylamido-PFPE



Rxn 3: PFPE-ester + dimyristoyl phosphatidyl ethanolamine → diPE-PFPE

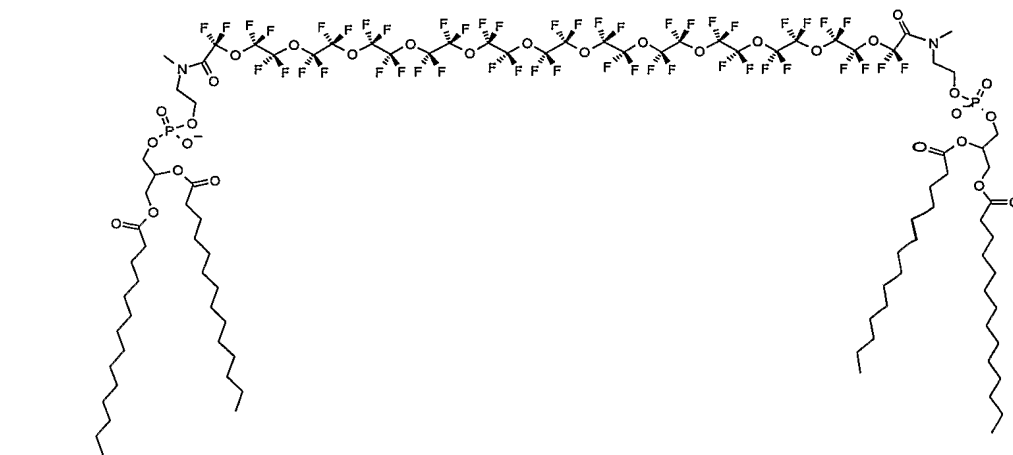


Figure 14 (cont.)

Rxn 4a: PFPE-ester + 1,6-diaminohexane \rightarrow bis-aminohexyl-PFPE-amide

5 Rxn 4b: bis-aminohexyl-PFPE-amide + Cy5-NHS ester \rightarrow di-Cy5-PFPE

